

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Harold D. Beck :

Serial No.:

Filed:

For: ELASTOMER COMPOSITIONS FOR
USE IN A HYDROCARBON
RESISTANT HOSE

Group Art Unit: Unknown

Examiner: Unknown

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure set forth in 37 CFR §1.56, attached hereto is Form PTO-1449 containing a list of patents and/or publications for Applicants' Information Disclosure Statement. It is respectfully requested that the information be considered during the prosecution of this application and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The undersigned represents that the references provided herein represent the closest art of which Applicants or their legal representatives are presently aware, and/or is representative of the general state-of-the-art in the field to which the invention relates. However, the filing of this Information Disclosure Statement is neither an admission nor a representation (1) that the information cited necessarily constitutes "prior art;" or (2) that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b); or (3) that no better art may exist or that a thorough patentability search necessarily has been conducted.

Applicants respectfully request consideration of each of the listed patents and/or publications during examination of the present application.

Identification of person(s) making this Information Disclosure Statement:

The person making this statement is:

(a) the inventor(s) who signs below

Signature of Inventor

Name of Inventor Signing

(b) X the attorney who signs below on the basis of:
 the information supplied by the inventor(s)
 which has been reviewed by the attorney
 which has not been reviewed by the attorney
 X the information in the attorney's file

Respectfully submitted,

By

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number

Filing Date

First Named Inventor

HAROLD D. BECK

Art Unit

Examiner Name

Attorney Docket Number

03-36

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 318458	05/26/1995	Fletcher	
		US- 4559973	12-24-1985	Hane et al.	
		US- 4758455	07-19-1988	Campbell et al.	
		US- 5182147	01-26-1993	Davis	
		US- 5271977	12-21-1993	Yoshikawa et al.	
		US- 5360037	11-01-1994	Lindstrom	
		US- 5398729	03-21-1995	Spurgat	
		US- 5476121	12-19-1995	Yoshikawa et al.	
		US- 6074717	06-13-2000	Little et al.	
		US- 4779673	10-25-1988	Chiles et al.	
		US- 5488975	03-06-1996	Chiles et al.	
		US- 6133367	10-17-2000	Arhart	
		US- 4349605	09-14-1982	Biggs et al.	
		US- 4381362	04-26-1982	Biggs et al.	
		US- 4477523	10-16-1984	Biggs et al.	
		US- 5191004	03-02-1993	Maringer et al.	
		US- 5225469	07-06-1993	Maringer et al.	
		US- 5256489	10-26-1993	Maringer et al.	
		US- 4338227	07-06-1982	Ballard	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

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**INFORMATION DISCLOSURE
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Sheet **2** of **3****Complete if Known**

Application Number	
Filing Date	
First Named Inventor	HAROLD D. BECK
Art Unit	
Examiner Name	
Attorney Docket Number	03-36

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		Number-Kind Code ² (if known)			
		US- 6605327	08-12-2003	Ramey et al.	
		US- 5373870	12-20-1994	Derroire et al.	
		US- 4905735	03-06-1990	Akiyoshi	
		US- 4905734	03-06-1990	Ito	
		US- 4870995	10-03-1989	Igarashi et al.	
		US- 4842024	06-27-1989	Palinchak	
		US- 4734305	03-29-1988	Sugimoto et al.	
		US- 4261390	04-14-1981	Belofsky	
		US- 4057610	11-08-1977	Goettler	
		US- 3944453	03-16-1976	Chudgar et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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		Application Number			
		Filing Date			
		First Named Inventor	HAROLD D. BECK		
		Art Unit			
		Examiner Name			
Sheet	3	of	3	Attorney Docket Number	03-36

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KELLER, DALE R., The use of enhanced viscosity ethylene vinyl acetate polymers for extruded goods applications, 1999, Paper No. 187, Bayer Corporation, Akron, Ohio.	
		ROHDE, ERNST, EVA elastomers-applications and opportunities for industrial rubber goods, Rubber World, 36-40, 58, May, 1993.	
		KELLER, DALE R., Enhanced viscosity Levapren polymers in hose applications, 1999, Technical Information-Rubber Business Group, Bayer Corporation, Akron, Ohio.	
		MEISENHEIMER, Levapren Trial Product KA8784, 1998, Technical Information-Rubber Business Group, Bayer AG, Leverkusen, Germany.	

Examiner Signature		Date Considered	
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